BRUHAT BANGALORE MAHANAGARA PALIKE

Byatarayanapura Division

Name of Work: Improvements Roads From NH-07 to Sanjeevininagar up to Hebbala Sarovara layout in ward no 07 and ward No 08 in kodigehalli sub division.

Name of Contractor :- AGENCY:- B.B.UMESHA (M/S SMLP Asphalts)

Estimated cost: 100.00 Lakhs

Amount put to Tender as per Sanction :87,47,158.57

Agreement No.BBMP/EE/BTP/WO/75/2022-23 Date- 24/11/2022

Accepted Tendered Amount : 91,82,268.05

Head of Account :

EIRL -01 (PWD CSR 2021-22)

Sl.No.	Description	Unit	Qty	Rate	Amount	Whether the item is alternative to the item in Tender or whether they are in lieu of some items approved in the accepted tender	Whether the Extra item is in the sanctioned Estimate	Whether the extra item is included in SR i/So if to the item of the schedule to given if not data sheets to be included	Remarks
E1	Construction of Granular Sub-Base of required grading as per design spreading in uniform layers with motor grader on prepared surface mixing by mix in place method with front end loader at OMC and compacting with vibratory roller to achieve the desired density, complete as per clause 401 For Grading -V Material Vol-3. PWD SR 2021-22,Pg no.19.It No.4.2 (V)	Cum	88.65	2579.53	2,28,675.58	yes	No	(Vol 3 Page no 19 , Item no 4.2 (v) CSR 2021-22)	
E2	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. Vol-3. PWD SR 2021-22,Pg no.24.It No.4.27	Cum	147.75	2764.28	4,08,422.37	yes	No	(vol 3 Page no 24 , Item no 4.27 CSR 2021-22)	
E3	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90kg per m2 using mechanical means. Vol-3. PWDSR 2021 22,Pno.29.ItNo.5.1(Issue Rate 07/07/2022)	Sqm	591.00	48.50	28,661.22	yes	No	(vol 3 Page no 29 , Item no 5.1 CSR 2021-22)	

E4	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. Vol-3. PWDSR 2021 22,Pno.33.ItNo.5.12 C (Issue Rate 07/07/2022)	Cum	29.55	10552.53	3,11,827.24	yes	No	(vol 3 Page no 33 , Item no 5.12 C CSR 2021-22)	
E5	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom Vol-3. PWDSR 2021 22,Pno.29.ItNo.5.3 (Issue Rate 07/07/2022)	Sqm	591.00	13.86	8,188.92	yes	No	(vol 3 Page no 29 , Item no 5.3 CSR 2021-22)	
E6	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects Vol-3. PWDSR 2021 22,Pno.36.ItNo.5.16 C (Issue Rate 07/07/2022)	Cum	23.64	12252.20	2,89,642.09	yes	No	(vol 3 Page no 36 , Item no 5.16 C CSR 2021-22)	
E7	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.Vol-3,Pg No-57,It No-8.15	Sqm	19.70	551.93	10,873.07	yes	No	(vol 3 Page no 57 , Item no 8.15 CSR 2021-22)	
				Total Rs	**12,86,290.48**				

Percentage excess over the Amount put to Tender = EIRL Amount **1286290.48** / Amount put to tender **9182268.05** = **14.01** % age

Contractor.

Assistant Engineer.

Assistant Executive Engineer
Byatarayanapura Division
Bruhat Bangalore Mahanagara Palike
Bangalore.

Executive Engineer
Byatarayanapura Division
Bruhat Bangalore Mahanagara Palike
Bangalore.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

BRUHAT BANGALORE MAHANAGARA PALIKE

Byatarayanapura Division

Name of Work: Improvements Roads From NH-07 to Sanjeevininagar up to Hebbala Sarovara layout in ward no 07 and ward No 08 in kodigehalli sub division.

Name of Contractor :- AGENCY:- B.B.UMESHA (M/S SMLP Asphalts)

Estimated cost: 100.00 Lakhs

Amount put to Tender as per Sanction :87,47,158.57

Agreement No.BBMP/EE/BTP/WO/75/2022-23 Date- 24/11/2022

Accepted Tendered Amount : 91,82,268.05

Head of Account :

EIRL RATE ANALYSIS (PWD CSR 2018-19)

Sl No	Dscription.	Unit	Page	Item	Basic Rate	Lift charges	Total	AW @ 10%	Total	Add T.P (+) 4.97%	Final Rate.
	CSR 2021-22										
E1	Construction of Granular Sub-Base of required grading as per design spreading in uniform layers with motor grader on prepared surface mixing by mix in place method with front end loader at OMC and compacting with vibratory roller to achieve the desired density, complete as per clause 401 For Grading -V Material Vol-3. PWD SR 2021-22,Pg no.19.It No.4.2 (V)	Cum	19	4.2	2234.00		2234.00	223.40	2457.40	122.13	2579.53
E2	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. Vol-3. PWD SR 2021-22,Pg no.24.It No.4.27	Cum	24	4.27	2394.00		2394.00	239.40	2633.40	130.88	2764.28
E3	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90kg per m2 using mechanical means. Vol-3. PWDSR 2021 22,Pno.29.ItNo.5.1(Issue Rate 07/07/2022)	Sqm	29	5.1	42.00		42.00	4.20	46.20	2.30	48.50

Sl No	Dscription.	Unit	Page	Item	Basic Rate	Lift charges	Total	AW @ 10%	Total	Add T.P (+) 4.97%	Final Rate.
E4	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. Vol-3. PWDSR 2021 22,Pno.33.ItNo.5.12 C (Issue Rate 07/07/2022)	Cum	33	5.12	9139.00		9139.00	913.90	10052.90	499.63	10552.53
E5	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom Vol-3. PWDSR 2021 22,Pno.29.ItNo.5.3 (Issue Rate 07/07/2022)	Sqm	29	5.3	12.00		12.00	1.20	13.20	0.66	13.86
E6	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects Vol-3. PWDSR 2021 22,Pno.36.ItNo.5.16 C (Issue Rate 07/07/2022)	Cum	36	5.16	10611.00		10611.00	1061.10	11672.10	580.10	12252.20
E7	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.Vol-3,Pg No-57,It No-8.15	Sqm	57	8.15	478.00		478.00	47.80	525.80	26.13	551.93

Contractor

Assistant Engineer.

Assistant Executive Engineer
Byatarayanapura Division
B.B.M.P
Bangalore.

Executive Engineer,
Byatarayanapura Division
B.B.M.P
Bangalore.